BROAD

BROAD EXAMINATIONS®

P.6 MATHEMATICS EXAMINATION END OF TERM II 2024

Time allowed: 2 hours 30 minus	ites			
Pupil's Name:				
School Name:				
District Name:				
Read the following instructions carefully:	FO	R EXAMINE	ERS'	
1. This paper is made up of two sections: A and B.	USE ONLY			
2. Section A has 20 questions (40 Marks)	PAGES	MARKS	SIGN	
3. Section B has 12 questions (60 Marks)				
4. Answer ALL questions in both sections A and B .	Page 2	The same of the sa		
5. All answers must be written in the space provided in blue or black ball point pens and ink. Only diagrams should	Page 3			
be done in pencil.	Page 4	100	bord	
6. Unnecessary crossing of answers will lead to loss of marks.7. Any handwriting, which cannot be easily read, may lead to	Page 5			
loss of marks. 8. Do not fill anything in the boxes indicated for	Page 6	.1	erdeya .	
Examiners' use only.	Page 7			
Teacher's comment to the learner	Page 8			
	TOTAL	of the entire	Edit.	
	Approved by:			
	Team Hea	ad Mathematic	s Dept.	

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P.6 Mathematics End of Term II 2024

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SECTION	.A.	(40	MARKS)
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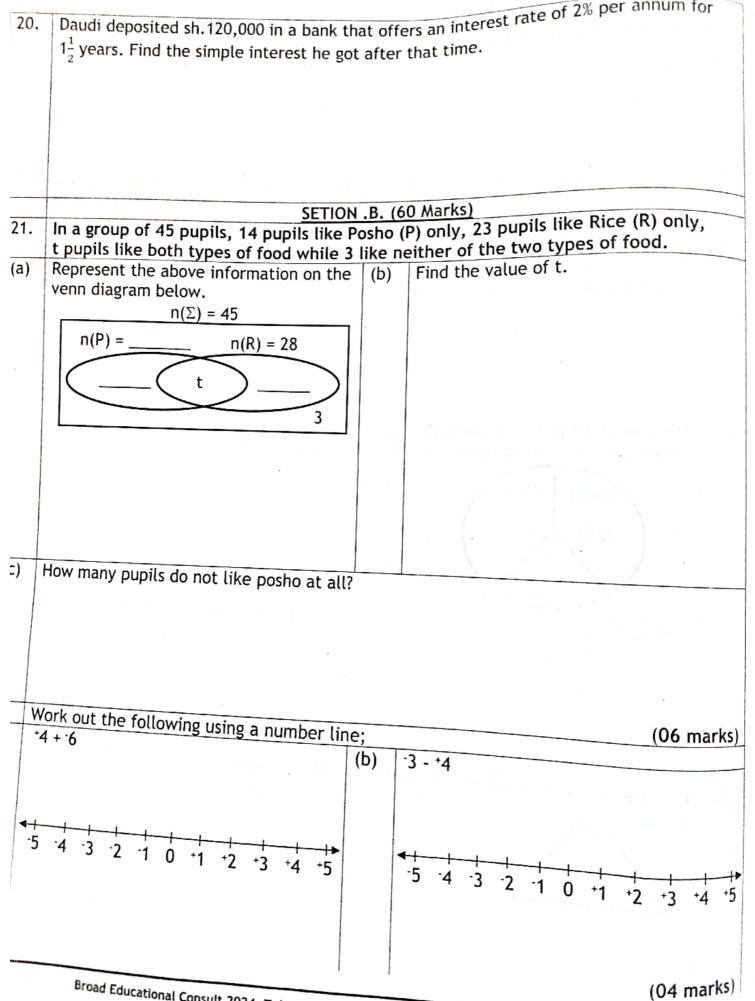
	SECTION .A.		
		2.	Show 43 on the abacus below.
1.	Subtract: 6 7 -1 2	2.	T O
3.	Work out: $\frac{2}{5} + \frac{1}{5}$	4.	Calculate the area of the figure below. 8cm 10cm
		1 (1.18)	6cm
5.	Study the venn diagram below and use it to answer question 5.	6.	Draw an angle of 80° in the space below using a protractor.
	$ \begin{array}{c c} n(B) & n(D) \\ \hline 5 & 2 & 4 \\ \hline 1 \end{array} $		Approx Local Contract Local Contract
-	Find n(B∪D).	1 1 1	Karan Ka
7.	Express 10:45am to 24hour clock system.	8.	Solve: r + 2r = 12
	•		
9	What is the highest number of boys who can share either 12 mangoes or 16 mangoes without leaving any mango?	10.	Which integer is 4 steps to the left of †1?

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P.6 Mathematics End of Term II 2024

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11.	US \$ 1 = Ush. 3700, how many US dollars can one get from Ush.1,850,000?	12.	Find the square of 14.
13.	Upper Primary pupils at Buhumba P/S were counted and recorded as shown below. How many pupils are there altogether?	14.	Given that set Q = (first five whole numbers). List all the elements of set Q.
		₩	Company of the second of the s
15.	The pie-chart below shows how Mr. Rich How much does he spend on food if he ge	ets atto	
16.	Subtract: 2 0 1 _{five} - 1 1 1 _{five}	17.	Find the range of 2, +3, 0, +1 and -4
18.	Find the unknown angle in the figure below. 67° m 54°	19.	Four rulers cost sh.6000. Find the cost of 5 similar rulers.



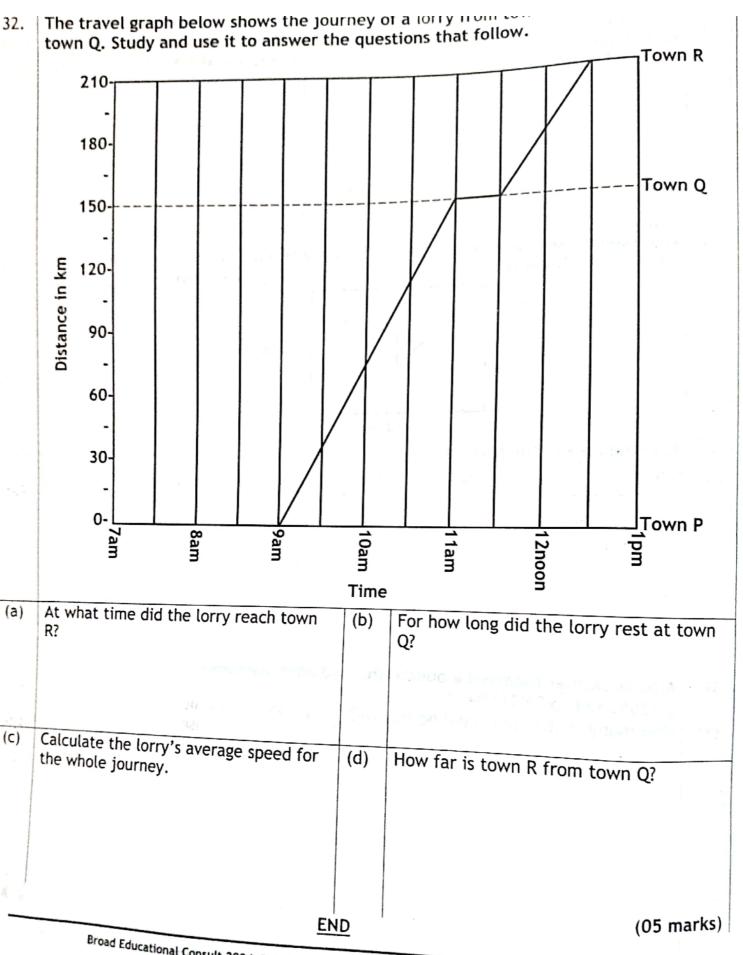
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Given the digits 7, 0 and 5							
23. (a)	Write all the 3-digit numerals that can be formed using the digits above.	(b)	Find the difference between the largest and the smallest odd numbers formed.				
			(04 marks)				
24.	In a class, 40% are boys and the rest are	girls.	i de des bow				
(a)	Find the percentage of girls.	(b)	If there are 20 boys in the class, how many pupils are in the class?				
			(05 mar)				
		- f11.					
25.	Complete the number puzzle below care 8 24 4X 12	crucky	(04 m				
26.	(a) Dickens was facing North. He turned clockwise through an angle of 135°. What is his new direction?	d (t	Through which angle does one turn anticlockwise from Southeast to W				
1	14	١	(05 r				

the same of the	(a) Given that I							2 Find 1	he valu	e of;
27.	(a) Given that I	$F_{60} = \{2$	1, 22,	x ₁ , 5 ₁	} and Fy	= {21	$, 3_1, 3_2, 3_3$	3}. [1110		
(i)	X				(i	i) Y	,			
(b)	Find the GCF of	60 and	Y usin	g the a	above fac	tors.				
										(06 marks)
28.	The table below shows marks scored by pupils in End of term test.									
	Marks					1				
		60	95	55	80					
	No. of pupils		1	4	3					
(2)	15 40									
(a)	If 10 pupils did t pupils scored 60	the test,	how i	many	(b)	Fir	nd the mod	dal score		
	papies secret oo	marks:								
					n. (1)					
c)	Calculate the ave	002 9067	ro							
		age seo	ie.							
The second second										
				,						
-										

29.	(a) Find the missing value in the box below.	(p)	A man is three times as old as his son. The difference between their ages is 30
	x 4 = 28		years, how old is each?
	X 4 = 20	- "	
		1	
			(05 marks
_	The figure below shows a triangle inscrib	ed in a	a rectangle. Study it and answer the
30.	questions that follow.		
	quescions that to		
	i, i	Mille	
	6cm		10cm
			100111
	14cm		f the shaded part
/2)	Find the area of the triangle.	(b)	Work out the area of the shaded part.
(a)	Find the area of the area		
			, and the second
	*		
			and programme the part of the same
			(06 ma
	A bank cashier received a bundle sh.5	000 0	ote numbered consecutively from
31.	A bank cashier received a bundle sn.5	יוו טטט	ote numbered consecutively many
	DH2650321 to DH2650420.	(b)	
(a)	How many shilling notes did he receive?	(2)	35
			(04 ma
		and the state of t	Service State of the Service of the



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P.6 Mathematics End of Term II 2024

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